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Date: July 19, 2004

Firm: USPTO

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Perlegen's Docket No.:200/1011-10

Re:

Applicant: PERLEGEN SCIENCES, INC.  
Application No.: 10/042,406  
Inventor(s): Sheehan, et al.  
Due Date: 19 July 2004

Enclosed, please find the following documents:

1. Response to Office Action dated 19 April 2004 (14 pages)

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PERLEGEN SCIENCES, INC.

By Paulette D. Isler  
Paulette D. Isler

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/042,406
Applicant	:	Sheehan, <i>et al.</i>
Filed	:	January 9, 2002
TC/A.U.	:	1631
Examiner	:	Mahatan, Channing S.
Docket No.	:	200/1011-10
Customer No.	:	31,662

Confirmation No. 9034

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action dated April 19, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Listing of Claims** begins on page 4 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.